



# Australian Bureau of Statistics

## 1259.0.30.001 - Australian Standard Geographical Classification (ASGC) Digital Boundaries (Intercensal), Australia, July 2009

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## Summary

### Product Brief

**15 July 2009. Note:** As of 26th June 2009 there have been two changes to Local Government names in Queensland that are not reflected in the digital boundaries and associated files. These changes will be incorporated in ASGC 2010.

Dalby (R) is renamed Western Downs (R)

Roma (R) is renamed Maranoa (R)

### PRODUCT BRIEF

The Australian Standard Geographical Classification (ASGC) is a hierarchical classification system of geographical areas and consists of a number of interrelated structures. It provides a common framework of statistical geography and enables the production of statistics which are comparable and can be spatially integrated.

This product, **Australian Standard Geographical Classification (ASGC) Digital Boundaries, Australia 2009** (cat. no. 1259.0.30.001), contains the digital boundaries current for the ASGC Edition 2009 (date of effect 1 July 2009). The digital boundaries are presented in MapInfo Interchange Format and ESRI Shapefile Format, and are based on the datum GDA94.

The ASGC covers Geographic Australia including the external territories of Cocos (Keeling) Islands & Christmas Island, but excluding all other external territories.

The product includes boundaries of Local Government Areas, Statistical Local Areas, Statistical Divisions, Statistical Subdivisions, States, Statistical Districts, Major Statistical Regions, Statistical Regions and Statistical Region Sectors, current at 1 July 2009. The digital boundaries are available only at one level of detail. These boundaries are intended for import and display in GIS and desktop mapping packages and, because of the high level of detail, they are not suitable for use in 'low-end' mapping packages such as those included in Excel and Lotus 123.

Note that it is vitally important to understand which edition of the ASGC has been applied to the statistical data which you are analysing. ABS data are generally disseminated on either the ASGC edition used for the collection and dissemination of Census data (2006) or the edition which was current when data was being collected.

### Operating Environment

The digital boundary files are in MapInfo Interchange Format (.MID, .MIF) and ESRI Shapefile (.shp) format. MapInfo Interchange Format can be imported directly into MapInfo and other common Geographic Information Systems (GIS) or desktop mapping packages. The .MID .MIF files are text format and can be edited and manipulated for import to less common GIS and CAD systems.

The .MID .MIF files cannot be used directly with viewing tools such as MapInfo ProViewer.

The digital boundary files have the datum specified as 116 (GDA94). Users of MapInfo 6.0 or later are able to load data sets based on GDA94 directly, without transformation. Earlier versions of MapInfo cannot interpret GDA94 correctly and there may be alignment problems between data sets based on this datum and other earlier datums.

## **File Nomenclature**

Each file name has the format <file type><09><a><AUST> where:

<file type> represents the type of boundaries in each file

SLA = Statistical Local Area

SSD = Statistical Subdivision

SD = Statistical Division

STE = State

SDIST = Statistical District

LGA = Local Government Area

SRS = Statistical Region Sector

SR = Statistical Region

MSR = Major Statistical Region

<09> represents 2009 the year of the Australian Standard Geographical Classification (ASGC) Edition.

<a> indicates the data is at a high level of detail i.e. "all points" data

<AUST> indicates the data covers all of Australia as defined in ABS publication Catalogue Number 1216.0.

Within the files, the States/Territories are identified by unique one digit codes as follows:

1 = New South Wales

2 = Victoria

3 = Queensland

4 = South Australia

5 = Western Australia

6 = Tasmania

7 = Northern Territory

8 = Australian Capital Territory

9 = Other Territories

## **File Attributes**

All column headers show spatial unit type, spatial unit attribute and year of edition.

File Type	Attributes	Comments
SLA	STATE_CODE_2009	1 digit State/Territory code
	SLA_MAINCODE_2009	9 digit Main Structure code
	SLA_NAME_2009	
	SLA_5DIGITCODE_2009	5 digit SLA code
	SLA_REGIONCODE_2009	9 digit SLA Region code
SSD	STATE_CODE_2009	1 digit State/Territory code
	SSD_CODE_2009	5 digit Main Structure code
	SSD_NAME_2009	
SD	STATE_CODE_2009	1 digit State/Territory code
	SD_CODE_2009	3 digit State/Territory code
	SD_NAME_2009	
STE	STATE_CODE_2009	1 digit State/Territory code
	STATE_NAME_2009	
LGA	STATE_CODE_2009	1 digit State/Territory code
	LGA_CODE_2009	5 digit Local Government Area Structure code
	LGA_NAME_2009	
SDIST	SDIST_CODE_2009	4 digit Statistical District Structure code
	SDIST_NAME_2009	
SRS	STATE_CODE_2009	1 digit State/Territory code
	SRS_CODE_2009	5 digit Statistical Region Structure code
	SRS_NAME_2009	
SR	STATE_CODE_2009	1 digit State/Territory code
	SR_CODE_2009	4 digit Statistical Region Structure code
	SR_NAME_2009	
MSR	STATE_CODE_2009	1 digit State/Territory code
	MSR_CODE_2009	2 digit Statistical Region Structure code
	MSR_NAME_2009	

## Data Quality

The ASGC Edition 2009 digital boundaries are based upon the SLA boundaries of the ASGC Edition 2009. The higher level spatial units were aggregated from ASGC Edition 2009 SLA level.

While the topological consistency of the data can be regarded as high there may be very small errors such as gaps, overlaps and bow-ties.

## Metadata

Refer to the Explanatory Notes for the Metadata Proforma in this product.

## Reference

Information regarding the underlying concepts of the Australian Standard Geographical Classification and its Structures may be found in the ABS publication **Australian Standard Geographical Classification (ASGC) 2009** (cat. no. 1216.0). A publication is produced for each edition of the ASGC and the publication for the ASGC Edition 2009 will be available from 16 September 2009.

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For enquiries please contact the ABS Geography Section, see details below.

## **ABS Geography Section**

**Email:** [geography@abs.gov.au](mailto:geography@abs.gov.au)

## **About this Release**

Digital boundaries for the Australian Standard Geographical Classification (ASGC) intercensal editions. Boundaries are available for Statistical Local Areas and higher level spatial units.

The digital boundaries are supplied in MapInfo Interchange Format and ESRI Shapefile Format. They are based upon the Geocentric Datum of Australia (GDA) 1994.

# **Explanatory Notes**

## **Explanatory Notes**

### **GEOGRAPHY METADATA PROFORMA**

#### **Dataset Custodian**

##### ***Title***

**Australian Standard Geographical Classification (ASGC) Digital Boundaries (Intercensal), Australia** (cat. no. 1259.0.30.001)

##### ***Custodian***

ABS Geography Section

Email: [geography@abs.gov.au](mailto:geography@abs.gov.au)

#### **Description**

##### ***Abstract***

The digital boundaries for this edition of the ASGC are consistent with the spatial units described in the structures of the ASGC 2009. Date of effect of this edition is 1 July 2009. Digital boundaries are for Statistical Local Area (SLA), Statistical Subdivision (SSD), Statistical Division (SD), Local Government Area (LGA), Statistical District (SDIST), Major Statistical Region (MSR), Statistical Region (SR), Statistical Region Sector (SRS) and State/

Territory (STE).

### ***Geographic Extent Name***

Geographic Australia; including the external territories of Cocos (Keeling) Islands & Christmas Island but excluding all other external territories.

### ***Data Currency***

Beginning date: 1 July 2009

End date: Current

### ***Data Status***

Progress: Completed dataset

Maintenance and Update Frequency: No further updates are planned

### ***Data Access***

#### ***Stored Data Format***

Digital as separate files for each level of the ASGC 2009 structures represented.

#### ***Available Format Type***

MapInfo Interchange Format (mid/mif) and ESRI Shapefile Format (.shp)

#### ***Access Constraints***

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### ***Data Quality***

#### ***Lineage***

SLA boundaries are aligned to the PSMA digital topographic database. Higher level spatial units are aggregated from the SLA level.

#### ***Positional Accuracy***

The PSMA topographic database to which boundaries are aligned was captured at scales which vary from 1:4,000 in urban areas to 1:250,000 in remote areas.

#### ***Attribute Accuracy***

Geographical area codes and labels are 100% validated to the 2009 edition codes and labels of the structures represented. (Reference is cat. no. 1216.0).

#### ***Logical Consistency***

Spatial units are closed polygons. Polygons are attributed with ASGC 2009 codes and

labels. Slivers/bow-ties may be present within or between spatial units. These data include attribute records without spatial objects for administrative purposes.

### ***Completeness***

Four structures defined for the ASGC 2009 are represented - all levels of each of those structures are represented. The four structures represented are the Main Structure, Local Government Area Structure, Statistical District Structure and Statistical Region Structure.

### **Co-ordinate Systems**

#### ***Datum***

Geocentric Datum of Australia 1994 (GDA94)

#### ***Projection***

Geographical (ie. latitudes and longitudes)

#### ***Metadata Date***

July 2009

#### ***Additional Metadata***

Reference: **Australian Standard Geographical Classification (ASGC) 2009** (cat. no. 1216.0); **Australian Standard Geographical Classification (ASGC) - Electronic Structures 2009** (cat. no. 1216.0.15.001) and **Australian Standard Geographical Classification (ASGC) Correspondences 2009** (cat. no. 1216.0.15.002).

## **Data Cubes (I-Note) - Data Cubes**

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